



ecology and environment, inc.

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International Specialists in the Environmental Sciences



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TO : Eric Johnson, EPA, Region VIII

FROM : Jeff Holcomb, E&E

DATE : May 10, 1985

SUBJECT: Utah Site Visits

TDD R8-8405-21 thru R8-8405-26.

FIT members Jeff Holcomb and Dave Tuesday, and Wade Hanson of the Utah Bureau of Solid and Hazardous Waste (BSHW) visited eight sites in Utah on May 8 and May 9, 1985. These sites were B.A.R.D., Bauer Tailings, Old Salt Lake County Landfill, Orem Landfill, Provo Landfill, Richardson Flat, and Tooele Smelter. Below is a summary of each Site Visit.

1. B.A.R.D. (Figure 1)

DATE VISITED: 5-9-85; WEATHER: cloudy, windy; TIME: 1330 hours. The B.A.R.D. site is located at 1600 North 1200 West. Access to the site is controlled by a guard at the main entrance at 1600 North. The landfill is active and dumping was observed. The FIT observed that B.A.R.D. is surrounded by water to the North and West (Great Salt Lake) and to the East and South (standing water, probably the Great Salt Lake). Refuse was observed in the Great Salt Lake. The FIT located three wells on-site that appeared to be relatively new. Two of the wells were along the banks of the Great Salt Lake, on the north and west sides of the landfill. One well was located on the southern boundary of the site. At this time the depths of the wells are unknown. Because of the location of the site on the shore of the Great Salt Lake, it is quite likely that there is an interchange of ground water and surface water here. The site is surrounded to the east and south by houses and farms. Immediately east and adjacent to the site livestock (horses) were grazing.

4. OREM LANDFILL (No Figure)

DATE VISITED: 5-8-85; WEATHER: sunny, windy; TIME: 1530 hours. The Orem Landfill is located on 2000 West 200 South. The landfill was visited at the request of Jim Salmon of the Utah BSHW. The landfill is active as many vehicles were observed entering and leaving the site. The FIT did not enter the site but rather drove around the perimeter and took pictures.

5. PROVO LANDFILL (Figure 4)

DATE VISITED: 5-8-85; WEATHER: sunny, winday; TIME: 1430 hours. The Provo Landfill is located approximately at 350 East 1800 South next to the Timpanagos Golf Course and the Department of Interior Bureau of Reclamation building.

According to Wade Hansen of the Utah BSHW the site appeared to have been cleaned up since his site visit in January 1985. The expansion of the Timpanagos Golf Course on the inactive landfill section is almost complete as the fairways, greens, ponds, and sprinkler systems were being finished up. Workers were observed onsite.

The FIT observed refuse in the ponds and the ponds had a greenish tint. Also, along the banks of a few ponds, bagged garbage was observed which was thought to be garbage picked out of the ponds. A refuse/garbage odor was noticed as the wind switched directions. The FIT also observed what appeared to be a new well near one of the ponds west of the Bureau of Reclamation building. Water was in the well casing. The total depth and other well information is unknown.

6. RICHARDSON FLAT (Figure 5)

DATE VISITED: 5-8-85; WEATHER: sunny, windy; TIME: 1100 hours. The Richardson Flat tailings area is located off Highway

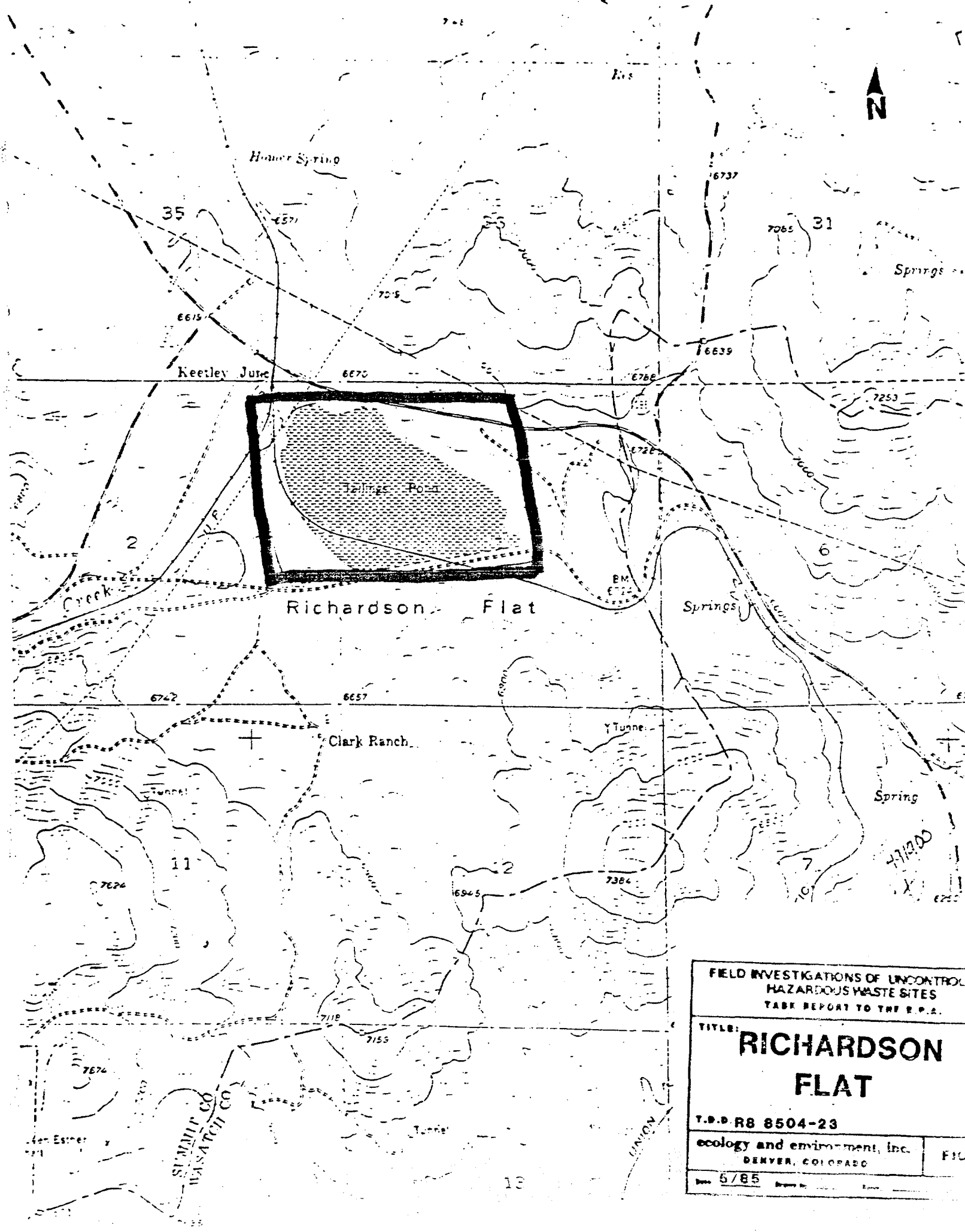
40 northeast of Park City. The site was partially under water. The site is easily accessible via access roads. The area is partially fenced along Highway 40 but this does not appear to control access as animal, human, and all-terrain vehicle tracks were observed on-site. Many dump trucks were seen dumping fill dirt(?) on-site.

Tailings were observed being blown off-site to the northwest. The tailings were inspected under a magnifying glass and had a grain size comparable to silt. A white crusty material was also observed on the tailings which may be some sort of salt. An intermittent stream was flowing east to west through the tailings area. The creekbed had a red bottom and waterflow were observed in the ditch. The FIT also noted a seep on the bank of the ditch. Old slurry pipes were also observed.

7. TOOELE SMELTER (Figure 6)

DATE VISITED: 5-9-85; WEATHER: windy, cloudy; TIME: 1000 hours. The Tooele Smelter is located approximately 2 miles east of Tooele, Utah off of Highway 36 at the mouth of the Pine Canyon. The actual smelter area was not inspected but a windshield survey of the site was performed.

Approximately five hundred yards west of the smelter entrance, tailings were observed on both sides of the road. It appears that recently a dike may have broke and tailings washed down from the smelter area, across the road and to the area where the tailings now rest. The tailings were red, orange and green in color and were being blown off-site. Deer were observed running on the tailings and cattle were grazing on the hill above and west of the smelter. An old wood channel, possibly used to move the tailings to the tailings area was observed on the north side of the road. Access to the tailings area is not controlled. Access is restricted to the smelter area by a fence and a guard.



FIELD INVESTIGATIONS OF UNCONTROLLED HAZARDOUS WASTE SITES TASK REPORT TO THE E.P.A.	
TITLE: RICHARDSON FLAT	
T.B.D. R8 8504-23	
ecology and environment, inc. DENVER, COLORADO	FIG.
Date: 5/85	Drawn by: _____